

ABSTRACT

An electrically heatable in sole may include at least
5 one sole base body and one covering layer, at least
one heating electrode, at least one rechargeable bat-
tery that is electrically connected to the heating
electrode, and a control circuit for controlling the
heating process and the charging of the battery.
10 Heating electrodes, rechargeable batteries and a con-
trol circuit are arranged in the base body of the
sole and/or between the base body and the covering
layer. The control circuit includes a remote control
device for starting and stopping the heating process,
15 and a protection circuit for disconnecting the re-
chargeable batteries in the event of an error.